#### **DECLARATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

NOVE	LIKANSCRIFIN	JNAL REGULATORS AND	USES	HEREFOR
-	of which (I authori d fill in the blanks,	ze Choate, Hall & Stewart to of if applicable):	check or	ne of the following,
is	attached hereto			
was Se	filed on rial No	as Application and amended on		(if applicable).
on Augus	as filed as PCT inte t 26, 1998 and wa	ernational application No. PCT as amended under PCT Article (if applicable).	<u>/US98/1</u> 19	<u>7691</u>
		iewed and understood the cont as amended by any amendment		
I acknowl his application in	edged the duty to do	disclose information which is notice 37, Code of Federal Regulation	naterial ılations,	to the examination of §1.56.
foreign application foreign	on(s) for patent or i	ty benefits under Title 35, Uninventor's certificate listed beloatent or inventor's certificate his claimed:	w and l	have also identified
Prior Foreign Ap	oplication(s):	Priority Claime	d	
(Number)	(Country)	(Day/Month/Year/Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year/Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America

disclosed in the prior Uni Title 35, United States Co defined in Title 37, Code	ted States application ode, §112, I acknow of Federal Regulation	on in the manner provided by the first paragraph of eledge the duty to disclose material information as ons, §1.56 which became available between the tional or PCT international filing date of this
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designa	ating the United Stat	tes:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) application is not disclose paragraph of Title 35, Un which is material to paten	listed below and, in d in the prior United ited States Code, §1 ttability as defined in the filing date of the	35, United States Code, §119(e) of any United States asofar as the subject matter of each of the claims of this d States application in the manner provided by the first 12, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
60/056,857	August 27, 1997	pending
Application Number	Filing Date	Status
Application Number	Filing Date	Status
statements made on information were made with the known fine or imprisonment, or	mation and belief ar /ledge that willful fa both, under Section	ade herein of my own knowledge are true and that all re believed to be true; and further that these statements alse statements and the like so made are punishable by 1001 of Title 18 of the United State Code and that such alidity of the application or any patents issued thereon.
		1
Inventor's signature:		Date:
Residence: 3 Acorn Lan	e, Lincoln, MA 017	773
Citizenship: II S A		

Post Office Address: same

Full name of second inventor: Samol Saha		
Inventor's signature:	Date:	
Residence: 24 Sunset Road, Arlington, MA 02474		
Citizenship: U.S.A.	,	
Post Office Address: Same		
Full name of third inventor: Mark Ptashne Inventor's signature:	Date:	
Residence: 1075 Park Avenue, New York, NY 10120		
Citizenship: U.S.A.		_
Post Office Address: Same		
DS1.424744.1		

### **DECLARATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

		if applicable):		-	
is	s attached hereto				
wa S	s filed on	as Application and amended on		(if applicable	e).
on Augu	was filed as PCT intense and was and was	ernational application No. PCT as amended under PCT Article (if applicable).	<u>/US98/1</u> : 19	<u>17691</u>	
I hereby specification, in	state that I have rev cluding the claims, a	riewed and understood the con as amended by any amendmen	tents of t referre	the above-ic	entified
I acknov this application	vledged the duty to o	disclose information which is ratile 37, Code of Federal Regu	naterial	to the exam	ination of
this application I hereby foreign applicat below any forei	in accordance with find claim foreign priori ion(s) for patent or i	disclose information which is a little 37, Code of Federal Regulaty benefits under Title 35, Uniquentor's certificate listed beloatent or inventor's certificate has	naterial ulations, ited Stat	to the exam §1.56. tes Code, §1 have also id	19 of any entified
I hereby foreign applicat below any forei of the application	in accordance with a claim foreign priorition(s) for patent or it ign application for patent on which priority	disclose information which is a little 37, Code of Federal Regulaty benefits under Title 35, Uniquentor's certificate listed beloatent or inventor's certificate has	naterial alations, ited State ow and alaving a	to the exam §1.56. tes Code, §1 have also id	19 of any entified
this application I hereby foreign applicat below any forei	in accordance with a claim foreign priorition(s) for patent or it ign application for patent on which priority	disclose information which is a Fitle 37, Code of Federal Regardty benefits under Title 35, Uninventor's certificate listed beloatent or inventor's certificate his claimed:	naterial alations, ited States and aving a	to the exam §1.56. les Code, §1 have also id- filing date I	19 of any entified

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America



listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

``		
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designa	iting the United Sta	ites:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) application is not disclose paragraph of Title 35, Un	listed below and, it d in the prior Unite ited States Code, §	e 35, United States Code, §119(e) of any United States insofar as the subject matter of each of the claims of this ed States application in the manner provided by the first 112, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
Provisional Application(s)	) <b>:</b>	
60/056.857 Application Number	August 27, 1997 Filing Date	pending Status
Application Number	Filing Date	Status
statements made on informere made with the know	mation and belief a vledge that willful t both under Section	nade herein of my own knowledge are true and that all are believed to be true; and further that these statements false statements and the like so made are punishable by a 1001 of Title 18 of the United State Code and that such validity of the application or any patents issued thereon.
Full name of first invent	or: Kevin A. Jarre	
Inventor's signature:		Date:
Residence: 3 Acorn Lan	e, Lincoln, MA 01	773
Citizenship: U.S.A.		
Post Office Address: _sar	me	



Full name of second inventor: Samol Saha	
Inventor's signature:	Date: 08-24-96
Residence: USA	
Citizenship: SWEDI3H	
Post Office Address: 24 SUNSET Rd. ARLING	GTOW , MA 02474
Full name of third inventor: Mark Ptashne	
Full name of third inventor: Mark Ptashne	
Inventor's signature:	Date:
Residence: 1075 Park Avenue, New York, NY 10120	
Citizenship: U.S.A.	
Post Office Address: Same	

ATTORNEY DOCKET NO.: 0341941-0031(HU 01431-97/BU 97-59)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jarrell et al.

Serial No.:

Filed:

August 26, 1998

For:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

## VERIFIED STATEMENT (DECLARATION) <u>CLAIMING SMALL ENTITY STATUS</u> 37 CFR 1.9(f) and 1.27(d) NON-PROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the non-profit organization identified below:

President and Fellows of Harvard College NAME OF ORGANIZATION: ADDRESS OF ORGANIZATION: 17 Ouincy Street, Cambridge, MA 02138 TYPE OF ORGANIZATION:

(X)	University or other organization of higher education
()	Non-profit scientific or educational organization under a statute of a state of the United States of America NAME OF STATE:  CITATION OF STATUTE:
()	Would qualify as tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if the organization were located in the United States of America
()	Tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3).
()	Would qualify as a non-profit scientific or educational organization under a statute of a state of the United States of America  NAME OF STATE:  CITATION OF STATUTE:

I hereby declare that the above-identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.9(e), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code.

122

6174954

I hereby declare that rights under contract or law have been conveyed to and remain with the above-identified non-profit organization with regard to the invention titled:

TITLE: by;	Novel Transcriptional Regulators and Uses Therefor
INVENTOR( described in:	S): Kevin A, Jarrell, Samol Saha and Mark Ptashne
()	the specification filed herewith
(X)	U.S. Patent Application Serial Number filed
()	U.S. Patent Numberissued

If the rights of the above-identified non-profit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor(s), who could not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

\*NOTE: Separate verified statements are required from each named person, concern, or organization having rights to the invention, averring to their status as small entities. (37 CFR 1.27).

FULL NAME: ADDRESS:	02215	
( ) INDIVIDUAL	108 Bay State Road, Boston, MA  ( ) SMALL BUSINESS CONCERN	( ) NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS: ( ) INDIVIDUAL	( ) SMALL BUSINESS CONCERN	( ) NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS:		
( ) INDIVIDUAL	( ) SMALL BUSINESS CONCERN	( ) NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code,

NO.489

and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

TITLE IN ORGANIZATION:

ADDRESS OF PERSON SIGNING:

President and Fellows of Harvard College 17 Quincy Street, Cambridge, MA 02138

SIGNATURE: DS1.424761.1

DATE:

JOYCE BRINTON, DIRECTOR OFFICE OF TECHNOLOGY & TRADEMARK LICENSING HARVARD UNIVERSITY

l=É : M.

ATTORNEY DOCKET NO.: 0341941-0031(HU 01431-97/BU 97-59)

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Jarrell et al.

Serial No.:

Filed:

August 26, 1998

For:

NOVEL TRANSCRIPTIONAL REGULATORS AND USES THEREFOR

## VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS 37 CFR 1.9(f) and 1.27(d) NON-PROFIT ORGANIZATION

I hereby declare that I am an official empowered to act on behalf of the non-profit organization identified below:

University or other organization of higher education

NAME OF ORGANIZATION:

Trustees of Boston University

ADDRESS OF ORGANIZATION: 147 Bay State Road, Boston, MA 02215

TYPE OF ORGANIZATION:

**(X)** 

( )	)	Non-profit scientific or educational organization under a statute of a state of the United States of America NAME OF STATE:
		CITATION OF STATUTE:
(	)	Would qualify as tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) (3) if the organization were located in the United States of America

Tax exempt under the Internal Revenue Service Code (26 USC 501(a) and 501(c) ( ) (3).

( )	Would qualify as a non-profit scientific or educational organization under a statute
	of a state of the United States of America
	NAME OF STATE:
	CITATION OF STATUTE:

I hereby declare that the above-identified non-profit organization qualifies as a non-profit organization as defined in 37 CFR 1.9(e), for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code.

TITLE: by:	Novel Transcriptional Regulators and Uses Therefor
INVENTOR(Signature described in:	S): Kevin A. Jarrell, Samol Saha and Mark Ptashne
( ) (X)	the specification filed herewith U.S. Patent Application Serial Number filed
( )	U.S. Patent Numberissued

If the rights of the above-identified non-profit organization are not exclusive, each individual, concern, or organization having rights to the invention is listed below\* and no rights to the invention are held by any person, other than the inventor(s), who could not qualify as a small business concern under 37 CFR 1.9(d) or a non-profit organization under 37 CFR 1.9(e).

Separate verified statements are required from each named person, concern, or organization having rights to the invention, averring to their status as small entities. (37 CFR 1.27).

FULL NAME: ADDRESS: ( ) INDIVIDUAL	President and Fellows of Harvard College  17 Quincy Street, Cambridge, M A 02138  ( ) SMALL BUSINESS CONCERN (X) NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS: ( ) INDIVIDUAL	( ) SMALL BUSINESS CONCERN ( ) NON-PROFIT ORGANIZATION
FULL NAME: ADDRESS: ( ) INDIVIDUAL	( ) SMALL BUSINESS CONCERN ( ) NON-PROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING:

TITLE IN ORGANIZATION: ADDRESS OF PERSON SIGNING: Matthew J. Burns

Assistant Treasurer

Trustees of Boston University

108 Bay State Road, Boston, MA 02215

DATE: 3/16/00

SIGNATURE: DS1.425307.1

MATTHEW J. BURNS ASSISTANT TREASURER

BOSTON UNIVERSITY

P.4



# DECLARATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

machine curren				
NOVEI	TRANSCRIPTIO	NAL REGULATORS AND	uses therefor	
he enecification	of which (I authorized fill in the blanks, i	e Choate, Hall & Stewart to c	heck one of the follo	wing,
is	attached hereto	<b>&gt;</b>		
was	filed on	as Application and amended on	(if applicable	).
AS AUGUS	as filed as PCT inter at 26, 1998 and was	national application No. <u>PCT</u> s amended under PCT Article (if applicable).	<u>US98/17691</u> 19	
_		ewed and understood the cont amended by any amendment	ents of the above-ide referred to above.	ntified
_	الممديدة بادادادا	isclose information which is ritie 37, Code of Federal Regu	naterial to the examin	nation of
I hereby foreign applicati	claim foreign priorit	y benefits under Title 35, Uni rventor's certificate listed belo tent or inventor's certificate b	ted States Code, §11	9 of any ntified efore that
Prior Foreign Application(s):		Priority Claime	xd.	
(Number)	(Country)	(Day/Month/Year/Filed)	Yes No	
(Number)	(Country)	(Day/Month/Year/Filed)		
I hereby	claim the benefit un	nder Title 35, United States Capplication(s) designating the	ode, §120 of any Uni United States of Ame	ited States erica

application(s) or PCT international application

listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

defined in Title 37, Code of filing date of the prior application:	f Federal Regulati lication and the na	ational or PCT international filing date of this
(Application Serial No.)	(filing date)	(status-patented, pending, abandoned)
PCT Applications designat	ing the United Sta	ates:
(PCT Appl. No.)	(U.S.S.N.)	(status-patented, pending, abandoned)
provisional application(s) lapplication is not disclosed paragraph of Title 35, University	isted below and, u l in the prior Unite ted States Code, §	e 35, United States Code, §119(e) of any United States insofar as the subject matter of each of the claims of this sed States application in the manner provided by the first §112, I acknowledge the duty to disclose information in Title 37, Code of Federal Regulations, §1.56 which the prior application and the national filing date of this
Provisional Application(s):		
60/056,857 Application Number	August 27, 1997 Filing Date	<u>pending</u> Status
Application Number	Filing Date	Status
statements made on information were made with the know	iedge that willful	nade herein of my own knowledge are true and that all are believed to be true; and further that these statements false statements and the like so made are punishable by in 1001 of Title 18 of the United State Code and that such validity of the application or any patents issued thereon.
Pull name of first inventor Inventor's signature:	Kuntill	Date: 3/18/20
Residence: 3 Acom Lan	Lincoln MA	1773
Citizenship: U.S.A.		
Post Office Address: sar	ne	

Full name of second inventor. Samol Saha	
	Date:
Inventor's signature:	- <del></del>
Residence: 24 Sunset Road, Arlington, MA 02474	
Citizenship: Swedish	
Post Office Address: same	
North Drophrie	
Full name of third inventor: Mark Ptashne	Date:
Inventor's signature:	Date
Residence: 1075 Park Avenue, New York, NY 10120	
Citizenship: U.S.A.	
Post Office Address: same	